171977

1. SCOPE

THESE SPECIFICATIONS ARE APPLICABLE FOR **SINONAR** AMORPHOUS SOLAR CELL SUPPLIED TO 菁盛企業有限公司

2. GENERAL FEATURES

2.1 MODEL NO.

SC-5030 (SOLAR CELL)

2.2 DIMENSIONS

REFER TO DRAWING NO. P1283 EDITION D
ALL TOLERANCES ARE SPECIFIED ON THE DRAWING AND NUMBERS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

2.3 OPERATING TEMPERATURE RANGE

-5℃ TO 40℃

2.4 STORAGE TEMPERATURE RANGE

-20℃ TO 70℃

3. FUNCTIONAL SPECIFICATIONS

3.1 OPEN CIRCUIT VOLTAGE ,V_{OC} AND SHORT CURRENT, I_{SC}.

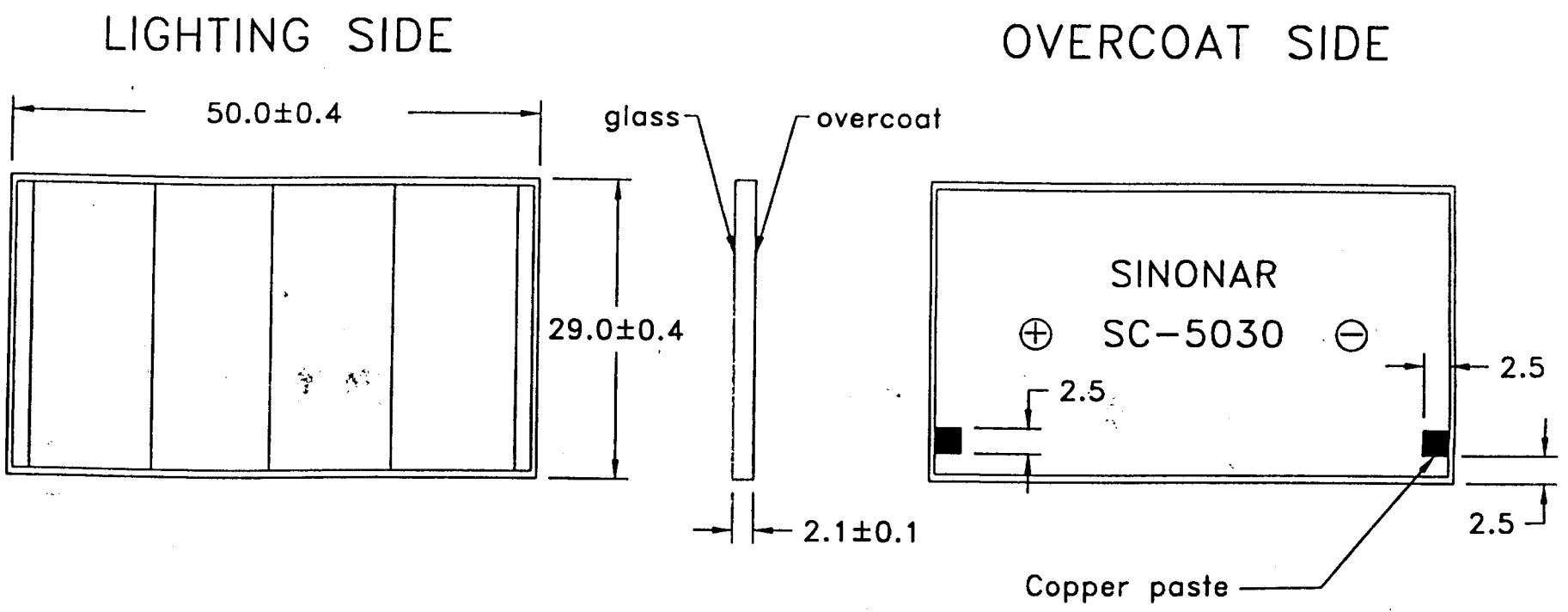
3.0 V / 30 mA
TYPICAL UNDER AM1 (100mW/cm^2), 25℃

3.2 OPERATING VOLTAGE ,V_{OP} AND CURRENT, I_{OP}

1.8 V / 26 mA
UNDER AM1 (100mW/cm^2), 25℃

NOTICE

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF SINONAR CORPORATION. NO PART OF THIS DOCUMENT MAY BE PHOTOCOPIED, REPRODUCED, OR TRANSLATED TO ANOTHER LANGUAGE WITHOUT PRIOR WRITTEN CONSENT OF SINONAR CORPORATION.


LIGHTING SIDE
OVERCOAT SIDE
50.0±0.4
29.0±0.4
glass
overcoat
2.1±0.1
SINONAR
⊕ SC-5030 ⊖
2.5
2.5
2.5
Copper paste